

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings of claims in the application:

1. (Currently Amended) An emergency release device for an automated door closure assembly, said door closure assembly including a drive motor, and engagement means for engaging with said drive motor for moving a door from a first open position to a second closed position and vice versa via a rotating output of the drive motor, said emergency release device comprising:

a decoupling means for decoupling said engagement means from said drive motor in event of an emergency,

said decoupling means comprising a safety means for preventing at least one member of the group consisting of unintentional actuation and unauthorized actuation of the decoupling means of said emergency release device during normal operation of the automated door assembly,

said safety means comprising one of:

a wire seal requiring manual intervention to neutralize said safety means prior to permitting actuating of said decoupling means,

a breakable cover, that covers access to said decoupling means, requiring the manual intervention to neutralize said safety means prior to permitting actuating of said decoupling means, and

means requiring manual intervention by one of a specialized tool and a specialized key to neutralize said safety means prior to permitting actuating of said decoupling means selected from the group consisting of inserting a specialized tool into said safety means, activating a specialized key to neutralize said safety means, and breaking a cover that shrouds access to neutralize said safety means.

2. (Currently Amended) The emergency release device as set forth in claim 1, wherein

said safety means ~~is adapted to prevent~~ comprises means for preventing said at least one member of the group consisting of unintentional actuation and unauthorized actuation both inside and outside of a building area enclosable by the automated door closure assembly by requiring manual intervention to neutralize [[a]] said safety means before any actuation of said decoupling means.

3. (Previously presented) The emergency release device as set forth in claim 1, wherein said decoupling means is adapted for releasing engagement of said engagement means with said drive motor irregardless of a position of a door that is movable by said door closure assembly.

4. (Previously presented) The emergency release device as set forth in claim 1, wherein said decoupling means mechanically releases an engagement of the engagement means with the drive motor.

5. (Currently Amended) The emergency release device as set forth in claim 1, further comprising An emergency release device for an automated door closure assembly, said door closure assembly including a drive motor and engagement means for engaging with said drive motor for moving a door from a first open position to a second closed position and vice versa via a rotating output of the drive motor, said emergency release device comprising:

~~a decoupling means for decoupling said engagement means from said drive motor in event of an emergency, said decoupling means further comprising a safety means for preventing actuation of the decoupling means of said emergency release device against at least one of unintentional or unauthorized actuation, and~~

a linking transmission means for releasably coupling said drive motor to said door and transmitting a movement of said decoupling means to said linking transmission means for mechanically releasing a coupling with said drive motor.

6. (Previously presented) The emergency release device as set forth in claim 5, wherein said safety means functions to perform both inside and outside of an area enclosable by operation of the automated door assembly by performing at least one step selected from the group consisting of:

- blocking movement of said decoupling means;
- blocking access to said decoupling means; and
- blocking said linking transmission means from releasing a coupling of said door to said drive motor.

7. (Previously presented) The emergency release device as set forth in claim 4, wherein said decoupling means comprises a mount arranged to facilitate access by a user, and further comprises a manual actuator movable relative to said mount for actuating said emergency release device.

8. (Currently Amended) The emergency release device as set forth in claim 7, wherein said safety means comprises a blocking member which blocks at least one member of the group consisting of movement of and access to said manual actuator, ~~wherein said manual actuator means is operable by manual intervention selected from the group consisting of inserting said tool into said manual actuator, inserting said key into said manual actuator, and breaking of the blocking member to physically access the manual actuator.~~

9. (Previously presented) The emergency release device as set forth in claim 8, wherein said blocking member comprises a screw fastener.

10. (Previously presented) The emergency release device as set forth in claim 5, wherein the decoupling means is biased in a normal operating position in which said door is coupled to said drive motor and actuatable to decouple said engagement means from the drive motor.

11. (Previously presented) The emergency release device as set forth in claim 10, wherein said linking transmission means comprises a spring assembly for biasing said emergency release device in said normal operating position.

12. (Previously presented) The emergency release device as set forth in claim 10, comprising a retaining means for retaining said decoupling means when actuated against said bias of the linking transmission means, to keep the drive motor uncoupled from the door to permit manual movement of the door.

13. (Previously presented) The emergency release device as set forth in claim 7, further comprising a linking transmission means for releasably coupling said door to said drive motor and transmitting a movement of said decoupling means to said linking

transmission means for mechanically releasing a coupling of said door to said drive motor, and

wherein said decoupling means comprises a pull handle as said manual actuator which is connected to a traction member of said linking transmission means.

14. (Previously presented) The emergency release device as set forth in claim 8, wherein said blocking member is a cap screw defining said manual actuator on said mount of said decoupling means.

15. (Previously presented) The emergency release device as set forth in claim 14, wherein one of said manual actuator and said mount is provided with one member of the group consisting of a tapped hole and a clamping portion for receiving said cap screw acting as said blocking member.

16. (Previously presented) The emergency release device as set forth in claim 5, wherein said coupling means is arranged in a transmission case of a jack-shaft operator and couples a self-locking gearing of said jack-shaft operator to a driven shaft of said jack-shaft operator.

17. (Previously presented) The emergency release device as set forth in claim 5, wherein said linking transmission means comprises a bowden cable including a traction member guided in a sheath.

18. (Previously presented) The emergency release device as set forth in claim 11, wherein said linking transmission means comprises a bowden cable including a traction member guided in a sheath, wherein said spring assembly is provided at one end of said bowden cable and biases said traction member relative to said sheath.

19. (Previously presented) The emergency release device as set forth in claim 7, wherein said decoupling means is biased in a normal operating position in which said door is coupled to said drive motor via said engagement means and said decoupling means is actuatable to decouple said engagement means from said drive motor, and said emergency device further comprising:

a retaining means for retaining said decoupling means when actuated against said bias of said engagement means, to keep the drive motor uncoupled from the door to permit manual movement of the door, wherein said mount comprises a fastening member for fixing in situ and said retaining means secured to said fastening member in an optionally settable arrangement.

20. (Currently amended) The emergency release device as set forth in claim 12, wherein said decoupling means comprises a mount arranged to facilitate access by a user, and

a manual actuator movable relative to said mount for actuating said emergency release device, and

wherein said linking transmission means comprises a bowden cable including a traction member guided in a sheath, wherein said retaining means comprises a U-shaped supporting element with two legs and a web inbetween, a first leg of said two legs having a receiving means for said bowden cable and a second leg of said two legs having a receiving means in which said manual actuator translated into said actuating position is fixable in place.

21. (Currently amended) The emergency release device as set forth in claim 19, said decoupling means comprising a mechanical decoupling means for manual movement to actuate said emergency release device, wherein the decoupling means is mechanically biased in a normal operating position in which said door is coupled to said drive motor operator and actuatable to decouple said engagement means from said drive motor, and

a retaining means by means of which said decoupling means is fixable in an actuating position against said bias,

wherein said linking transmission means comprises a bowden cable including a traction member guided in a sheath, wherein said retaining means comprises a U-shaped supporting element with two legs and a web inbetween, a first leg of said two legs having a receiving means for said bowden cable and a second leg of said two legs having a receiving means in which said manual actuator translated into said actuating position is fixable in place,

wherein said web of said supporting element and said fastening member can each be engaged with the other shiftable relative to each other and fixed in place relative to each other by means of a fastener.

22. (Currently Amended) The emergency release device as set forth in claim 21, wherein said safety means comprises a blocking member which blocks at least one member of the group consisting of movement of and access to said manual actuator, ~~wherein said manual actuator is operable by manual intervention selected from the group consisting of inserting a tool in the said manual actuator, inserting a key into said manual actuator, and breaking of the blocking member to physically access the manual actuator,~~

wherein said blocking member comprises a cap screw, and

wherein said fastener comprises an adapter comprising a sleeve having two tapped holes, one of which receives a screw locating said supporting element relative to said fastening member and the other receives said cap screw acting as the safety member of said safety means for securing said manual actuator to said adapter.

23. (Previously presented) The emergency release device as set forth in claim 7, wherein said mount is adapted for one of left-hand mounting in which said decoupling means is accessible from a left-hand side and right-hand mounting in which said decoupling means is accessible from a right-hand side on a door jamb to which said door is attachable.

24. (Previously presented) The emergency release device as set forth in claim 20, wherein said decoupling means comprises a mount which facilitates placement of said decoupling means by a user, and comprises a manual actuator movable relative to said mount for actuating said emergency release device,

wherein said supporting element of said mount is configured symmetrically about a centerline running transversely to its longitudinal centerline.

25. (Previously presented) The emergency release device as set forth in claim 19, further comprising a linking transmission means for releasably coupling said door to said drive motor and transmitting a movement of said decoupling means to said linking transmission means for mechanically releasing a coupling of said door to said drive motor, and

wherein said linking transmission means comprises a bowden cable including a traction member guided in a sheath, wherein said retaining means comprises a U-shaped supporting element with two legs and a web inbetween, a first leg of said two legs having a receiving means for said bowden cable and a second leg of said two legs having a receiving means in which said manual actuator translated into said actuating position is fixable in place,

wherein said fastening member of said mount is a bracket having three walls oriented at right angles to each other, on two of said three transitions between said walls a passage opening being formed for optional insertion of said supporting element and on two of said walls two openings are configured optionally serving for wall mounting or for locating a safety member of said safety means, and on the third wall at least one opening is provided for defining said linking transmission means.

26. (Canceled).

27. (Canceled).

28. (Canceled).

29. (Previously presented) The emergency release device as set forth in claim 8, wherein said blocking member is a screw fastener.

30. (Previously presented) The emergency release device as set forth in claim 8, wherein said blocking member comprises a cap screw.

31. (Previously presented) The emergency release device as set forth in claim 8, wherein said blocking member comprises a hexagon cap screw.

32. (Previously presented) The emergency release device as set forth in claim 17, wherein said traction member comprises a cable wire.

33. (Currently Amended). The emergency release device as set forth in claim 5, wherein said safety means comprises one of said breakable cover and said means requiring

manual intervention by one of the specialized tool and the specialized key to neutralize said safety means prior to permitting actuating of said decoupling means, ~~the manual intervention to neutralize said safety means selected from the group consisting of inserting a specialized tool into said safety means, activating a specialized key to neutralize said safety means, and breaking a cover that shrouds access to neutralize said safety means .~~